

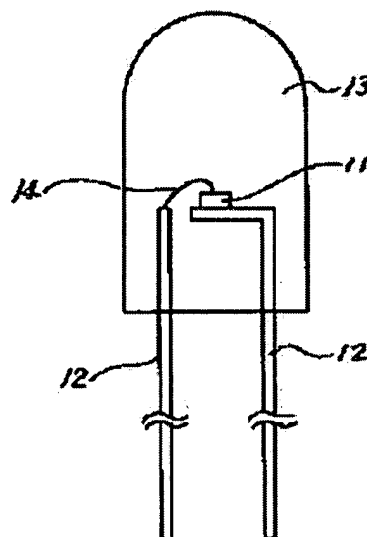
**OPTICAL SEMICONDUCTOR DEVICE**

**Patent number:** JP5315652  
**Publication date:** 1993-11-26  
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**Applicant:** NEC CORP  
**Classification:**  
- **international:** H01L33/00; H01L23/29; H01L23/31; H01L31/12  
- **european:**  
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**Abstract of JP5315652**

**PURPOSE:**To provide an optical semiconductor device which has excellent heat resistance property and besides which is favorable in light property and is sealed with transparent resin.

**CONSTITUTION:**An optical semiconductor device which is sealed with translucent epoxy resin 13 including a filter the ingredient of which is adjusted so that the refractive index may be equal with that of epoxy resin. For this filler, the refractive index of the filler is made equal with that of epoxy resin by adding a property quantity of, at least, Ge oxide, Pb oxide, Ba oxide, P oxide, Al oxide, Ti oxide, Ta oxide La oxide, or a rare earth element oxide to Si oxide being the main ingredient.



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